

Active Recombinant Cynomolgus NECTIN4 protein, hFc-tagged

Cat. No. NECTIN4-349C Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus NECTIN4 protein(XP_005541277.1) (Met1-Ser349) was expressed in HEK293, fused with Fc region of human IgG1 at the C-terminus.
Species	Cynomolgus
Source	HEK293
ProteinLength	Met1-Ser349
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Immobilized Recombinant Human CD111 / Nectin-1 / PVRL1 Protein (His Tag) at 2 µg/mL (100 µL/well) can bind Recombinant Cynomolgus NECTIN4 / Nectin 4 Protein (ECD, Fc Tag), the EC50 is 1.1-2.8 µg/mL.
Molecular Mass	The recombinant Cynomolgus NECTIN4 consists of 556 amino acids and predicts a molecular mass of 60.79 kDa. It migrates as an approximately 72.8 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	>95% as determined by SDS-PAGE.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage Samples are stable for up to twelve months from date of receipt at -20°C to -80°C
Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution It is recommended to reconstitute the lyophilized powder in sterile water to 100-200 ug/ml, and further dilute with other solvents. The dissolved protein can be stored at 4°C for 2-7 days and should be used up as soon as possible. If not in use for a short time, please store at -20°C.

GENE INFORMATION

Gene Name NECTIN4 nectin cell adhesion molecule 4 [*Macaca fascicularis* (crab-eating macaque)]

Official Symbol NECTIN4

Synonyms NECTIN4

Gene ID 102127936

mRNA Refseq XM_045399043

Protein Refseq XP_045254978

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